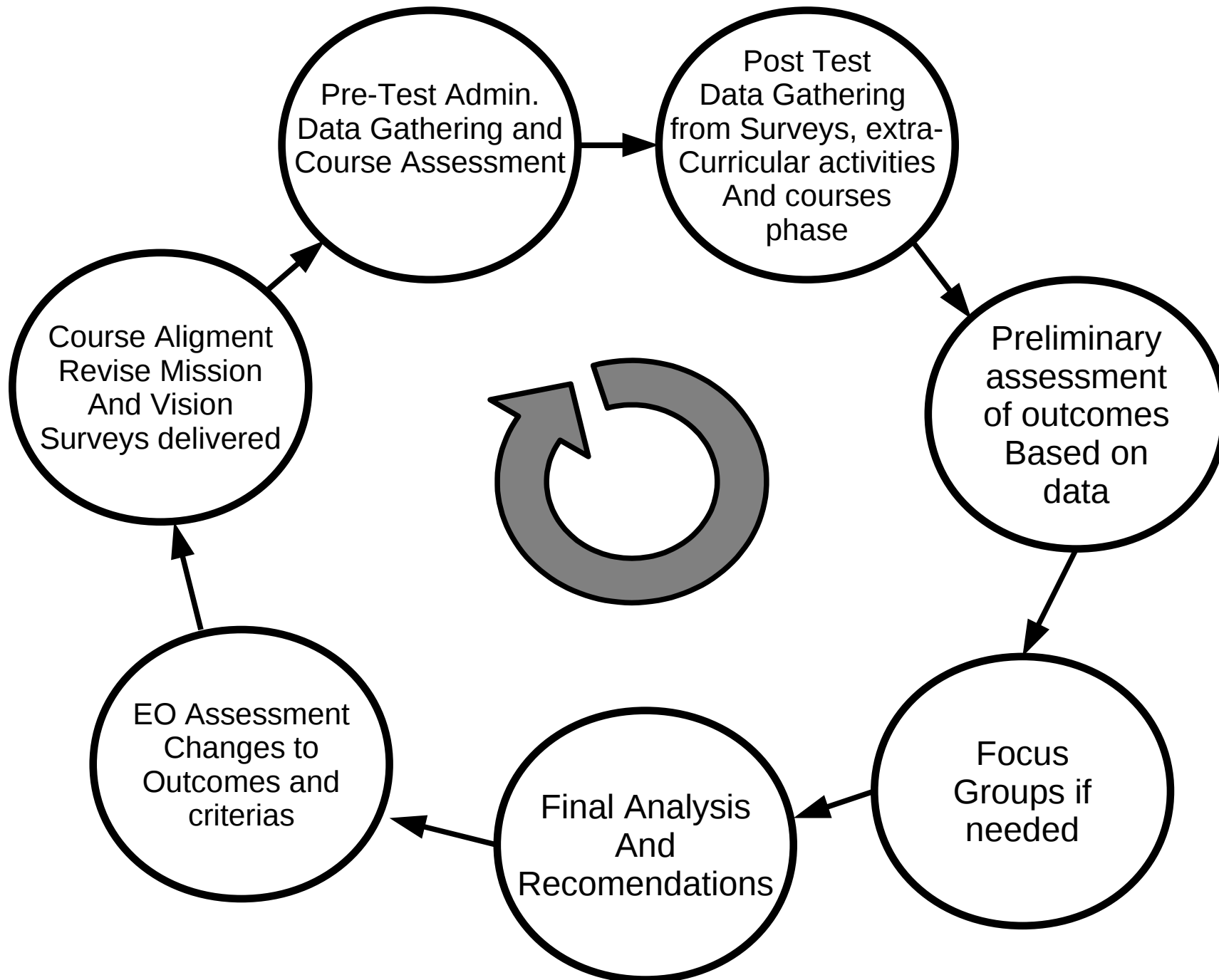


University of Puerto Rico at Bayamón Computer Science Department

Continuous Improvement Plan

Revised by Oct. 11, 2011





Seven Phases

- EO Assessment changes to outcomes and indicators
- Course alignment revise mission and vision surveys delivered
- Pre-Test administration data gathering from course assessment
- Post-Test data gathering from surveys, extra curricular activities and courses



Seven Phases

- Preliminary Assessment of outcomes based on data gathered
- Focus groups
 - If needed
- Final analysis and recommendations
 - Actual changes

Initial Phase

EO Assessment Changes to Outcomes and Indicators

- Educational Objectives
 - Assess by the findings from previous cycle the surveys and focus groups with Program Constituencies
- Student Outcomes Revision
 - Revised based on input from the assessment of the Educational Objectives
 - Alignment of the outcomes with the institutional objectives
- Performance Indicators Revision
 - Revised based on the changes to student outcomes

Second Phase

Course alignment revise mission and vision surveys delivered

- New program indicators need to be aligned with the courses
- If needed:
 - Revision to departments mission and vision based on the constituencies input
- Surveys
 - Revised
 - Delivered or administered

Pre-Test Phase

Pre-Test administration data gathering from course assessment

- Pre-test
 - Revised
 - Administered
- Courses
 - Data is gathered by the professors
 - From test, assignments, projects
 - This information is stored during all semesters and is compiled during this phase

Post-Test Phase

- Post-Test data gathering from surveys, extra curricular activities and courses
 - Post-Test is:
 - Revised
 - Administered
 - Surveys
 - Decide if the data gathered is sufficient if not continue to gathered information
 - Extra-curricular activities
 - Revision of assessment tools for EC activities
 - Gather information
 - Courses
 - Revised if the data gathered is sufficient

Preliminary Assessment

- Preliminary Assessment of outcomes based on data gathered
 - Determined if all gathered data is sufficient
 - Analyzed data gathered from:
 - Courses
 - Surveys
 - Tests
 - Pre
 - post
 - Extra-curricular activities



Focus Groups

- This phase is optional
 - The decision of using focus groups are based on the results obtained from the preliminary assessment.
 - Focus groups are used to further analyzed the data

Last Phase of the Cycle

- Final analysis and recommendations
 - Complete cycle analysis
 - Recommendations and changes
 - Drafted and presented to the faculty
 - Changes to the program
 - Revision of coursework for improving our program
 - Refinement of the continuous improvement plan (if needed)
 - Prepare next cycle